



# TERANAP® 1M SAND

## Commercial Product Data Sheet

Teranap 1M Sand is the modified bitumen waterproofing ply designed for use in homogenous multi-layer modified bitumen plaza deck waterproofing membrane systems. Teranap consists of a fiberglass scrim/polyester mat composite impregnated and coated with high quality styrene-butadiene-styrene (SBS) modified bitumen. The top and bottom surfaces of the sheet are covered with a mineral parting agent.

Contact Siplast for information on approved product uses.

### USES: WATERPROOFING SYSTEM

Standards	ASTM D6162 Type II, Grade S; CSA A123.23-15 Type C, Grade 1
Roll Length	Min: 26.0 ft (7.92 m)
Roll Width	Avg: 39.4 in (1.0 m)
Coverage	0.75 Square (75.6 ft <sup>2</sup> ) (7.0 m <sup>2</sup> )
Coverage Weight Per Square	Min: 119 lb (5.8 kg/m <sup>2</sup> )
Selvage Surfacing	Mineral Parting Agent
Top Surfacing	Mineral Parting Agent
Back Surfacing	Mineral Parting Agent
Product Options	RoofTag

### PRODUCT INFORMATION

#### Application

Refer to the Siplast Technical Guide for detailed application information and slope limitations. Teranap 1M Film is lapped 4 inches (102 mm) side and end.



#### Storage and Handling

All Siplast roll waterproofing products should be stored on end on a clean, flat surface. Rolls should not be dropped on ends or edges or stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All roofing products should be stored in a dry place out of direct exposure to the elements and should not be double stacked. Material should be handled so that it remains dry prior to and during installation.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

#### Packaging

Pallet: 41 in x 48 in (104 cm x 122 cm) wooden pallet  
Rolls Per Pallet: 25  
Pallets Per Truckload: 18  
Minimum Roll Weight: 87 lb (39.5 kg)


#### Listings, Approvals, & Certifications



Classified by UL in accordance with ANSI/UL 790. Refer to UL Product iQ for specific assemblies.  
FM Approved - Refer to RoofNav.com for specific assemblies.

Current copies of all Siplast Commercial Product Data Sheets & Safety Data Sheets are posted on our website at [www.siplast.com](http://www.siplast.com)  
Rev Date 7/2023

**U.S. TEST STANDARDS**

Property (as Manufactured)	Values / Units	Test Method
Thickness (minimum)	154 mils (3.9 mm)	ASTM D5147 Section 6
Thickness (average)	157 mils (4.0 mm)	ASTM D5147 Section 6
*Peak Load @ 73.4°F (23°C) (average)	80 lbf/inch (14.0 kN/m)	ASTM D5147 Section 7
*Peak Load @ 0°F (-18°C) (average)	115 lbf/inch (20.1 kN/m)	ASTM D5147 Section 7
*Elongation @ Peak Load 73.4°F (23°C) (average)	40%	ASTM D5147 Section 7
*Elongation @ Peak Load 0°F (-18°C) (average)	40%	ASTM D5147 Section 7
*Elongation at 5% Peak Load @73.4°F (23°C) (average)	100%	ASTM D5147 Section 7
*Tear Strength (average)	100 lbf (0.45 kN)	ASTM D5147 Section 8
Water Absorption (maximum)	1%	ASTM D5147 Section 10
Dimensional Stability (maximum)	<0.5%	ASTM D5147 Section 11
Low Temperature Flexibility (maximum)	-15°F (-26°C)	ASTM D5147 Section 12
Compound Stability (minimum)	250°F (121°C)	ASTM D5147 Section 16
*The value reported is the lower of either MD or XD.		The above properties have been validated by PRI and are under continuous surveillance. The product has been validated to meet ASTM D6162-08, Type II, Grade S.

**CANADA TEST STANDARDS**

Property (as Manufactured)	Values / Units	Test Method
Thickness (minimum)	3.9 mm (154 mils)	CSA A123.23-15
Thickness (average)	4.0 mm (157 mils)	CSA A123.23-15
*Peak Load @ 23°C (73.4°F) (average)	14.0 kN/m (80 lbf/inch)	CSA A123.23-15
*Peak Load @ -18°C (0°F) (average)	20.1 kN/m (115 lbf/inch)	CSA A123.23-15
*Elongation @ Peak Load 23°C (73.4°F) (average)	40%	CSA A123.23-15
*Elongation @ Peak Load -18°C (0°F) (average)	40%	CSA A123.23-15
*Elongation at 5% Peak Load 23°C (73.4°F) (average)	100%	CSA A123.23-15
Strain Energy (before and after conditioning) @ 23°C (73.4°F) @ -18°C (0°F)	≥ 5.5 kN/m (≥ 31 lbf/in) ≥ 3.0 kN/m (≥ 17 lbf/in)	CSA A123.23-15
Dimensional Stability (maximum)	<0.5%	CSA A123.23-15
Low Temperature Flexibility (maximum)	-26°C (-15°F)	CSA A123.23-15
Compound Stability (minimum)	121°C (250°F)	CSA A123.23-15
*The value reported is the lower of either MD or XD.		